

## SKYLIGHT QUESTIONS:

**SK1: (Q25:) What is the required loading for skylights?**

A:     Plastic                      Glass  
       +3xDesignP                +2.0xDesignP  
       -2xDesignP                -2xDesignP

**SK2: (Q 101:) What would be the required testing for a skylight that is being lined with a polycarbonate panel underneath the dome in order to comply with the new Dade County Impact requirements?**

A:     First, you would test one skylight specimen to protocol PA202, loading it to the required design pressure multiples. The air infiltration test is run first. The sequence for the pressure testing shall be the required pressures below or at design pressure, water at 15% of design, and ultimately the full test pressure. The specimen shall not fail any of these tests.

Second, you may use the specimen tested above as one of the three (3) required specimens for PA201 and PA203. These must be impacted in two locations. These impacts shall be normal to the frame of the skylight and not to the dome. The large missile is allowed to penetrate the acrylic dome but must not penetrate or tear the interior polycarbonate barrier. Any tears evident to the interior barrier shall not exceed the dimensions of 5"x1/16" as specified in Ordinance 93-141. The three specimens are then cycled at the multiple design pressures intervals as specified in the ordinance for glazed products. All three specimens must pass the above mentioned.

Third, one of the impacted specimens above shall be tested for water infiltration at 15% of its design pressure. No uncontrollable water penetration shall occur as specified in AAMA 101.